

Ender Sari

Data Scientist | Industrial Engineer | endersari.com | dsendersari@gmail.com



EDUCATION

École polytechnique fédérale de Lausanne (EPFL)	Lausanne, Switzerland
○ <i>MSc in MTE (Data Science minor); Excellence Fellowship (merit-based, top ~1%)</i>	<i>Sep. 2024 – Present</i>
Sabancı University	Istanbul, Turkey
○ <i>MSc in Industrial Engineering; GPA: 3.95 /4.00 (Full Scholarship, 1st rank)</i>	<i>Sep. 2020 – Sep. 2022</i>
Sabancı University	Istanbul, Turkey
○ <i>BSc in Industrial Engineering; GPA: 3.93/4.00 (Full Scholarship, 1st rank)</i>	<i>Sep. 2016 – Jan. 2020</i>

EXPERIENCE

Yandex Search Turkey	Istanbul, Turkey
Data Scientist	<i>Sep. 2024 - Sep. 2025</i>
○ Business Case: Identified gaps in user satisfaction and search behavior to drive product improvements, enhance search quality, the search engine results page (SERP), and increase retention of users.	
○ Contribution: Built an offline search quality evaluation pipeline, analyzed large-scale search logs to model user intent, tracked key KPIs (DAU, CTR), and delivered data-driven insights that informed SERP, feature decisions, and experiment design using Python and SQL.	
Afiniti - Research & Development	Istanbul, Turkey
Data Scientist	<i>Sep. 2022 - Sep. 2024</i>
○ Business Case: Developed and monitored product recommendation models to increase sales revenue by collaborating with research scientists and data engineers.	
○ Contribution: Enhanced model performance data analysis and feature engineering. Applied A/B testing and bootstrapping to refine modeling metrics, resulting in a 5% increase in sales revenue.	
Sabancı University	Istanbul, Turkey
Teaching Assistant	<i>Sep. 2016 - Sep. 2022</i>
○ Contribution: Provided instructional support for undergraduate courses in Decision Analysis, Stochastic Models in Operations Research, Operations Research I-II, Machine Learning (Summer School), and others in quality, planning, production, and simulation.	
Brisa Product Supply Planning	Istanbul, Turkey
Data Scientist	<i>Sep. 2020 - Sep. 2022</i>
○ Business Case: Developed processes to determine finished goods inventory levels and associated production decisions for a tire manufacturer.	
○ Contribution: Conducted data analysis, feature engineering, and clustering. Developed a scoring-based approach using machine learning for SKU prioritization. Implemented the new process, resulting in a 20% improvement in inventory efficiency and reduced excess inventory.	
Unilever - Chain Reaction Project	Istanbul, Turkey
Data Analytics	<i>Sep. 2018 - Aug. 2020</i>
○ Business Case: Improved inventory management and forecasting accuracy.	
○ Contribution: Researched the impact of human intervention on ML-based forecasting models, optimizing methodologies by combining human expertise with algorithmic insights.	

SKILLS & INTERESTS

- **Languages & Tools:** Python, R, C++, SQL, Git, Docker
- **Frameworks:** Pandas, Numpy, PyTorch, Sklearn, Shap, XGBoost, Plotly, Streamlit, Selenium, Gurobi
- **Interests:** Machine Learning, Statistics, Hyrox, CrossFit, Calisthenics, Nutrition